

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. P18671	Serial No. 09/423,633		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)						Applicant K. HIRAMATSU			
						Filing Date November 17, 1999	Group 2744		
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	DOCUMENT NUMBER			DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS									
	DOCUMENT NUMBER				DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
TK	9	2	8	4	2 0 0	10/31/97	JAPAN		X
TK	1	0	1	9	0	07/21/98	JAPAN		
TK	0	8	4	3	4 9 4	05/20/98	EPO		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
TK	1	An article by Derek GERLACH et al., entitled: "Adaptive Transmitting Antenna Arrays with Feedback", published at pages 150-152 of IEEE Signal Processing Letters, Vol. 1, No. 10, October 1994.							
TK	2	A paper by Richard H. Roy entitled "Spatial Division Multiple Access Technology and its Application to Wireless Communication Systems" published in 1997 by IEEE, 0-7803-4075-2/97.							
EXAMINER	<i>M. L. T. C.</i>				DATE CONSIDERED		12/26/01		
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									